

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_ST0011_01_s _ 2013_5				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_ST0011_01_s _ 2013_6				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood response materials.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	7		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				o		o
					o		o
DWR ID	DWR_ST0011_01_s_2013_7						
Comment Code							
Inspector Comment							
The Sacramento Maintenance Yard maintains a written flood response plan and regular flood response training.							

No Photos

LM Start	0.00	Rating **	U	Issue No.	14
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758935 °	38.724274 °
				-121.667521 °	-121.665112 °
DWR ID	DWR_ST0011_01_s_2017_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_291_14_20170413_00021.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	0.00	Rating **	U	Issue No.	13
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758933 °	38.724274 °
				-121.667519 °	-121.665112 °
DWR ID	DWR_ST0011_01_s_2017_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_291_13_20170413_00020.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.18	Rating **	M	Issue No.	15
LM End	2.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.729822 °	38.729822 °
				-121.660268 °	-121.660268 °
DWR ID	DWR_ST0011_01_s _ 2017_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside levee toe.					

Photo 1 of 1 : SP_2017_ST0011_291_15_20170413_00022.jpg



View of fallen tree at waterside levee toe, looking downstream. Spring 2017.

LM Start	2.20	Rating **	M	Issue No.	16
LM End	2.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.729588 °	38.729588 °
				-121.660263 °	-121.660263 °
DWR ID	DWR_ST0011_01_s _ 2017_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside levee toe and slope.					

Photo 1 of 1 : SP_2017_ST0011_291_16_20170413_00023.jpg



View of fallen tree on waterside levee slope, looking downstream. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.53	Rating **	M	Issue No.	2
LM End	2.69	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.725505 °	38.724385 °
				-121.662041 °	-121.664564 °
DWR ID	DWR_ST0011_01_s _ 2016_2				
Comment Code					
Inspector Comment					
2006 - Slow wave wash and general fluvial erosion of the toe area under river cobbles. Erosion is creating a scarp and cobble covered wave-cut bench. 2011 - Site appears better than it looked in 2006, but still eroding. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-6_R]					

No Photos

LM Start	2.63	Rating **	A/W	Issue No.	18
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.724824 °	38.724824 °
				-121.663702 °	-121.663702 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50787					
DS_ID:17742					
EP_NO: 10284					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: Screw gates where removed and pipe was abandoned by farmer, How pipe was abandoned is unknown.					
FIELD_STRUCT_DESC: One of two pipes.Two 42-inch CM drainpipes through levee 23.6 feet below crown. Concrete spill box at toe of landward slope. (ABO No. 10284 - Hershey).					
O&M manual 127, Revision Year 2011					
FS Date: 11/18/2016 2:57:05 PM					

Photo 1 of 3 : UCIP_SP_2017_50787_60304.jpg



Waterside view: overview (pipe not found)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.63	Rating **	A/W	Issue No.	18 (cont)
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.724824 °	38.724824 °
				-121.663702 °	-121.663702 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:50787
DS_ID:17742
EP_NO: 10284
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: Screw gates were removed and pipe was abandoned by farmer, How pipe was abandoned is unknown.
FIELD_STRUCT_DESC: One of two pipes. Two 42-inch CM drainpipes through levee 23.6 feet below crown. Concrete spill box at toe of landward slope. (ABO No. 10284 - Hershey).
O&M manual 127, Revision Year 2011
FS Date: 11/18/2016 2:57:05 PM

LM Start	2.63	Rating **	A/W	Issue No.	18 (cont)
LM End	2.63	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_50787_60303.jpg



Landside view: concrete spillbox/headwall and pipe (top view)

Photo 3 of 3 : UCIP_SP_2017_50787_60302.jpg



Landside view: side of concrete spillbox/headwall

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.64	Rating **	A/W	Issue No.	19
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.724811 °	38.724811 °
				-121.663736 °	-121.663736 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50788					
DS_ID:17747					
EP_NO: 10284					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: No slide gate found. slide gates and pipes were abandon by farmer, how unknown					
FIELD_STRUCT_DESC: Two of two pipes. Two 42-inch CM drainpipes through levee 23.6 feet below crown. Concrete spill box at toe of landward slope. (ABO No. 10284 - Hershey).					
O&M manual 127, Revision Year 2011					
FS Date: 11/18/2016 2:57:12 PM					

Photo 1 of 3 : UCIP_SP_2017_50788_60309.jpg



Waterside view: overview

LM Start	2.64	Rating **	A/W	Issue No.	19 (cont)
LM End	2.64	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_50788_60308.jpg



Landside view: concrete spill box

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/05/2017 04/05/2017	Zach Jojola

LM Start	2.64	Rating **	A/W	Issue No.	19 (cont)
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.724811 °	38.724811 °
				-121.663736 °	-121.663736 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50788					
DS_ID:17747					
EP_NO: 10284					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: No slide gate found. slide gates and pipes were abandon by farmer, how unknown					
FIELD_STRUCT_DESC: Two of two pipes. Two 42-inch CM drainpipes through levee 23.6 feet below crown. Concrete spill box at toe of landward slope. (ABO No. 10284 - Hershey).					
O&M manual 127, Revision Year 2011					
FS Date: 11/18/2016 2:57:12 PM					

Photo 3 of 3 : UCIP_SP_2017_50788_60307.jpg



Landside view: CM pipe with flap gate

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	04/05/2017 04/05/2017	Zach Jojola

LM Start	0.01	Rating **	U	Issue No.	4
LM End	1.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.718969 °	38.699879 °
				-121.664111 °	-121.674034 °
DWR ID	DWR_ST0011_02_s_2017_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_292_4_20170413_00011.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	0.01	Rating **	U	Issue No.	2
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.718969 °	38.698683 °
				-121.664111 °	-121.674135 °
DWR ID	DWR_ST0011_02_s_2017_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_292_2_20170413_00010.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.15	04/05/2017 04/05/2017	Zach Jojola

LM Start	0.01	Rating **	U	Issue No.	5
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.698496°	38.687364°
				-121.674131°	-121.673715°
DWR ID	DWR_ST0011_03_s_2017_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_293_5_20170413_00008.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	0.01	Rating **	U	Issue No.	4
LM End	0.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.698496°	38.687575°
				-121.674129°	-121.673738°
DWR ID	DWR_ST0011_03_s_2017_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_293_4_20170413_00007.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.15	04/05/2017 04/05/2017	Zach Jojola

LM Start	1.13	Rating **	U	Issue No.	2
LM End	1.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.682264 °	38.677228 °
				-121.672897 °	-121.672800 °
DWR ID	DWR_ST0011_03_s_2017_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_293_2_20170413_00010.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	1.13	Rating **	U	Issue No.	3
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.682264 °	38.677228 °
				-121.672897 °	-121.672800 °
DWR ID	DWR_ST0011_03_s_2017_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_293_3_20170413_00009.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.01	Rating **	M	Issue No.	20
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.574179 °	38.566863 °	
			-121.638730 °	-121.638889 °	
DWR ID	DWR_ST0011_04_s_2017_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.01	Rating **	M	Issue No.	22
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.574179 °	38.566863 °	
			-121.638730 °	-121.638889 °	
DWR ID	DWR_ST0011_04_s_2017_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	23
LM End	0.06	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.573482 °	38.573482 °	
			-121.638734 °	-121.638734 °	
DWR ID	DWR_ST0011_04_s_2017_23				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	0.52	Rating **	M	Issue No.	24
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.566756 °	38.566756 °	
			-121.638880 °	-121.638880 °	
DWR ID	DWR_ST0011_04_s_2017_24				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	0.55	Rating **	C	Issue No.	13
LM End	0.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Repair Gates		38.566322 °	38.566322 °	
			-121.638893 °	-121.638893 °	
DWR ID	DWR_ST0011_04_f_2016_13				
Comment Code					
Inspector Comment					
Unable to open gates north of RR crossing. Steel rod hardly moves.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.60	Rating **	A/W	Issue No.	34
LM End	0.60	Issue Type +	Ma	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.565704 °	38.565704 °
				-121.638650 °	-121.638650 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44826 DS_ID:528 EP_NO: 10304 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch CM pipe through levee 22.0 feet below crown. Flap gate on waterward end. (ABO No. 10304 - Southern Pacific Transportation Company). O&M manual 120, Revision Year 2010. FS Date: 4/28/2015 2:58:55 PM					

Photo 1 of 3 : UCIP_SP_2017_44826_60517.jpg



Landside view: concrete headwall.

LM Start	0.60	Rating **	A/W	Issue No.	34 (cont)
LM End	0.60	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_44826_60516.jpg



Landside view: closer look at the headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.60	Rating **	A/W	Issue No.	34 (cont)	
LM End	0.60	Issue Type +	Ma	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.565704 °	38.565704 °	
				-121.638650 °	-121.638650 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:44826						
DS_ID:528						
EP_NO: 10304						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 30-inch CM pipe through levee 22.0 feet below crown. Flap gate on waterward end. (ABO No. 10304 - Southern Pacific Transportation Company).						
O&M manual 120, Revision Year 2010.						
FS Date: 4/28/2015 2:58:55 PM						

Photo 3 of 3 : UCIP_SP_2017_44826_60520.jpg



Landside view: overview

LM Start	0.62	Rating **	M	Issue No.	28
LM End	0.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.565364 °	38.563720 °
				-121.638476 °	-121.638371 °
DWR ID	DWR_ST0011_04_s_2017_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.84	Rating **	M	Issue No.	33
LM End	3.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.562202 °	38.523700 °
				-121.638269 °	-121.631465 °
DWR ID	DWR_ST0011_04_s_2017_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_294_33_20170419_00025.jpg



View of tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	1.00	Rating **	M	Issue No.	16
LM End	1.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.559998 °	38.559998 °
				-121.638014 °	-121.638014 °
DWR ID	DWR_ST0011_04_f_2016_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0011_294_16_20170320_00009.jpg



Slope was damaged by vehicle. Fall 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.44	Rating **	A/W	Issue No.	21
LM End	1.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.554636 °	38.554636 °
				-121.633619 °	-121.633619 °
DWR ID	DWR_ST0011_04_f_2016_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Animal burrow at LS toe.					

Photo 1 of 1 : SP_2017_ST0011_294_21_20170320_00015.jpg



View of an animal burrow. Fall 2016.

LM Start	2.10	Rating **	A/W	Issue No.	41
LM End	2.10	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.545646 °	38.545646 °
				-121.631172 °	-121.631172 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44822 DS_ID:17736 EP_NO: 10306 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Farmer cleans this screw gate every year FIELD_STRUCT_DESC: A 42-inch steel pipe inside a 48-inch CM drainpipe through the levee, 21.5 ft. below the crown and a flap gate on the waterside of the levee; w/ 2 cut-off walls, 1 headwall, and 1 saddle and apron. ABO No. 10306. O&M manual 119, Revision Year 2010 FS Date: 4/28/2015 2:57:49 PM					

Photo 1 of 3 : UCIP_SP_2017_44822_24980.jpg



Landside view: 42-inch steel pipe inside a 48-inch CMP

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	2.10	Rating **	A/W	Issue No.	41 (cont)
LM End	2.10	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.545646 °	38.545646 °
				-121.631172 °	-121.631172 °
DWR ID					

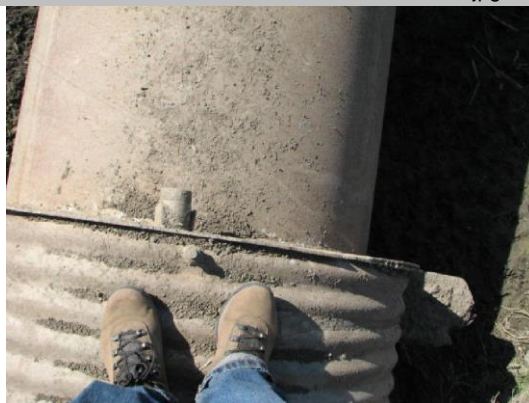
Comment Code

Inspector Comment

FS_ID:44822
DS_ID:17736
EP_NO: 10306
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: Farmer cleans this screw gate every year
FIELD_STRUCT_DESC: A 42-inch steel pipe inside a 48-inch CM drainpipe through the levee, 21.5 ft. below the crown and a flap gate on the waterside of the levee; w/ 2 cut-off walls, 1 headwall, and 1 saddle and apron.
ABO No. 10306.
O&M manual 119, Revision Year 2010
FS Date: 4/28/2015 2:57:49 PM

LM Start	2.10	Rating **	A/W	Issue No.	41 (cont)
LM End	2.10	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_44822_24979.jpg



Landside view: closer look at 42-inch steel pipe and 48-inch CMP

Photo 3 of 3 : UCIP_SP_2017_44822_24978.jpg



Landside view: closer look at 42-inch steel pipe and 48-inch CMP

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	2.11	Rating **	M	Issue No.	19
LM End	2.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.545430 °	38.545430 °
				-121.631211 °	-121.631211 °
DWR ID	DWR_ST0011_04_f_2016_19				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
It appears that the ditch is beginning to erode the landside levee toe.					

Photo 1 of 2 : SP_2017_ST0011_294_19_20170320_00013.jpg



View of erosion on landside levee slope. Fall 2016.

LM Start	2.11	Rating **	M	Issue No.	19 (cont)
LM End	2.11	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_ST0011_294_19_20170320_00014.jpg



Closer view of erosion. Fall 2016.

LM Start	2.14	Rating **	M	Issue No.	17
LM End	2.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.545022 °	38.545022 °
				-121.631209 °	-121.631209 °
DWR ID	DWR_ST0011_04_f_2016_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
It appears that the ditch is beginning to erode the landside levee toe.					

Photo 1 of 2 : SP_2017_ST0011_294_17_20170320_00010.jpg



View of erosion at landside levee toe. Fall 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/18/2017 04/18/2017	Zach Jojola

LM Start	2.14	Rating **	M	Issue No.	17 (cont)	
LM End	2.14	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.545022 °	38.545022 °	
				-121.631209 °	-121.631209 °	
DWR ID	DWR_ST0011_04_f_2016_17					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
It appears that the ditch is beginning to erode the landside levee toe.						

Photo 2 of 2 : SP_2017_ST0011_294_17_20170320_00011.jpg



Closer view of erosion. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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